APPROVED O.G. FIG.

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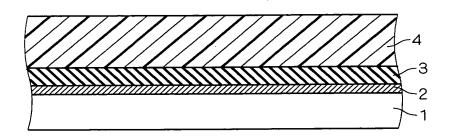
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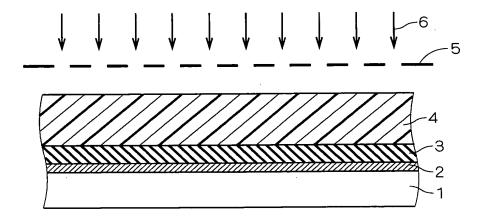


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 1\_ OF\_45\_

F 1 G . 1



F 1 G . 2

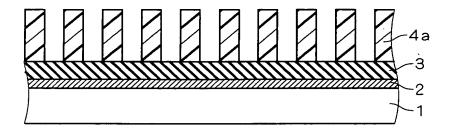


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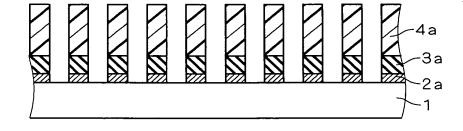


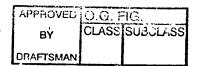
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET \_2\_ OF\_\_45\_

F 1 G . 3



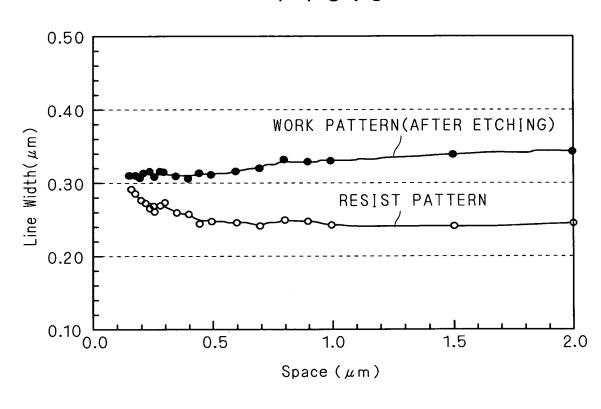
F 1 G . 4





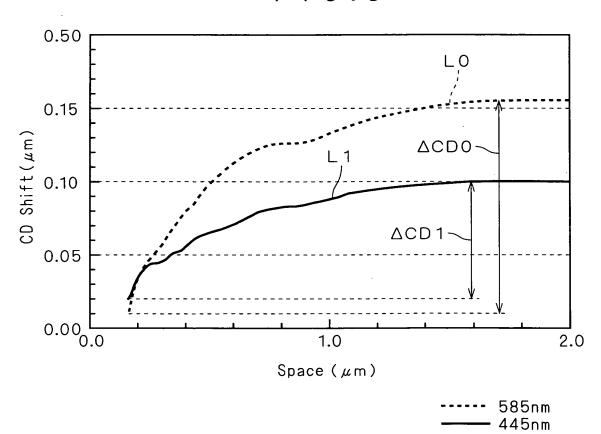
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 3\_ OF\_45\_

F 1 G . 5



OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 4 OF 45

F 1 G . 6



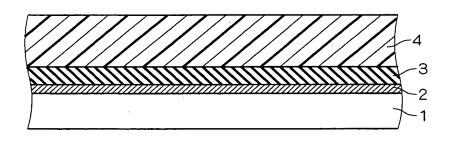
APPROVED O.G. FIG.

BY CLASS SUBCLASS

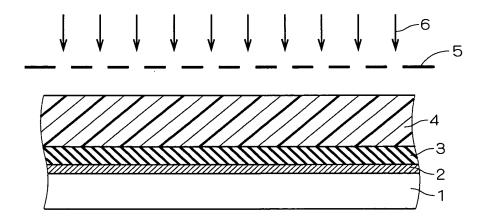
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>5</u> OF <u>45</u>

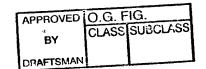
F 1 G . 7



F 1 G . 8

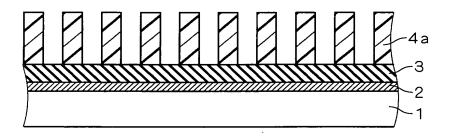


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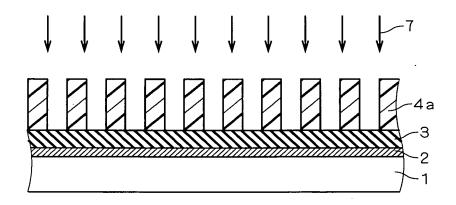


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>6</u> OF <u>45</u>

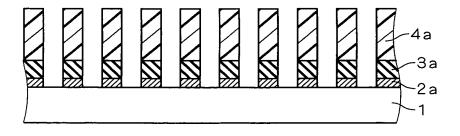
F 1 G . 9



F I G . 10

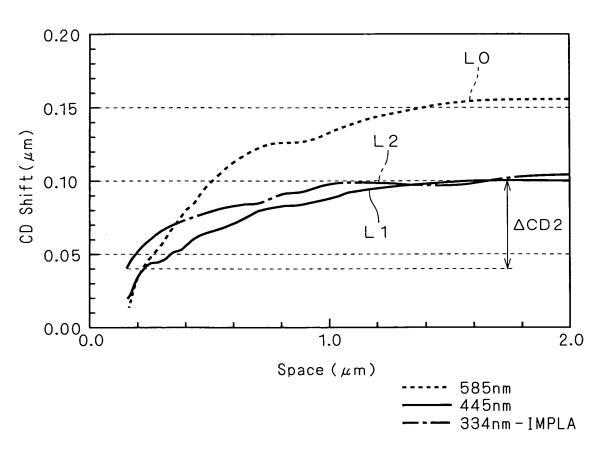


F I G . 11



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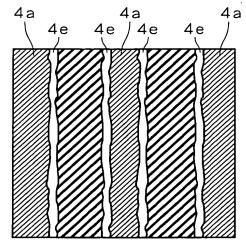
F I G . 12



APPROVED	O.G. FIG.		
BY	CLASS	SUBCL4.SS	
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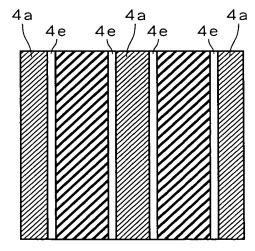
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>8</u> OF <u>45</u>

F I G . 13



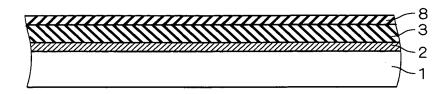
RESIST PATTERN AFTER DEVELOPMENT

## F I G . 14

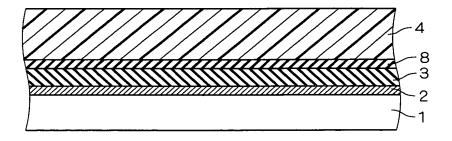


RESIST PATTERN
AFTER Ar ION IMPLANTATION

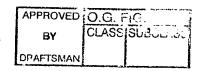
F I G . 15



F I G . 16

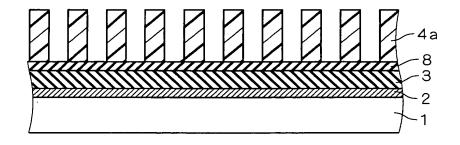


F I G . 17

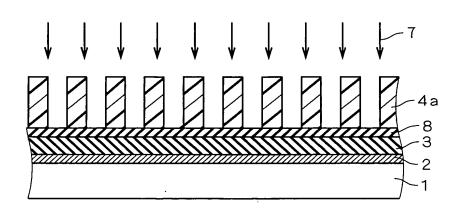


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 10 OF 45

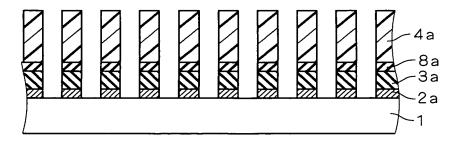
F I G . 18



F I G . 19



F 1 G . 20



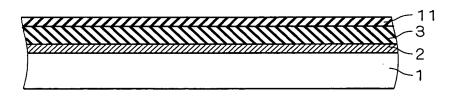
APPROVED O.G. F.C.

BY CLASS SURE

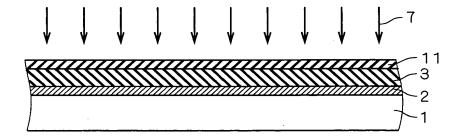
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET \_11\_\_ OF\_\_45\_\_

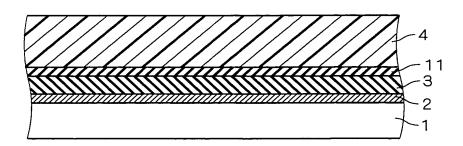
F I G . 21



F 1 G . 22



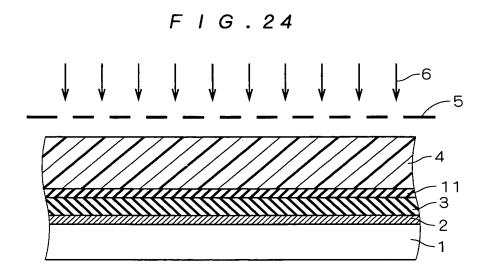
F 1 G . 23



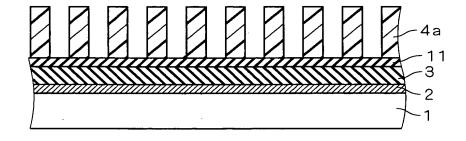
ande.

APPROVED	O.G. FIG.		
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>12</u> OF <u>45</u>



F 1 G . 25



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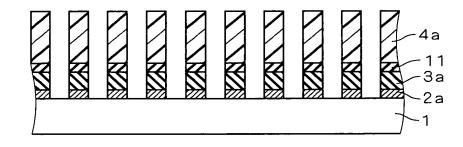
F 1 G . 26

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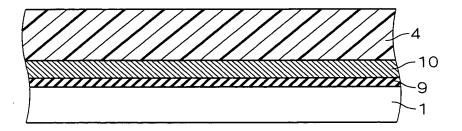
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 13\_ OF 45\_

F 1 G . 27

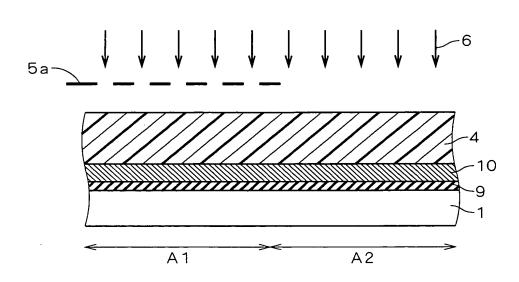


F 1 G . 28

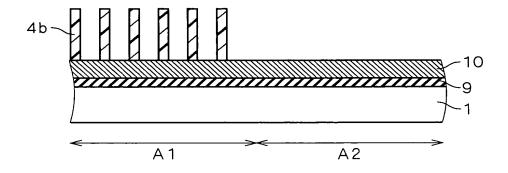


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 14\_ OF\_45\_

F 1 G . 29



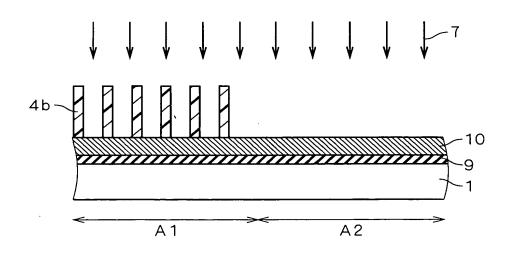
F I G . 30



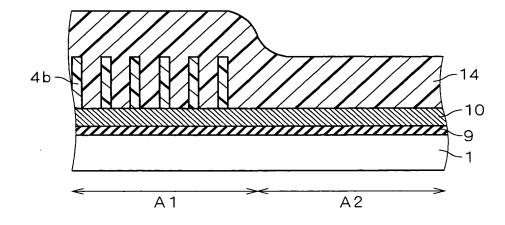
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>15</u> OF <u>45</u>

F I G . 31



F 1 G . 32



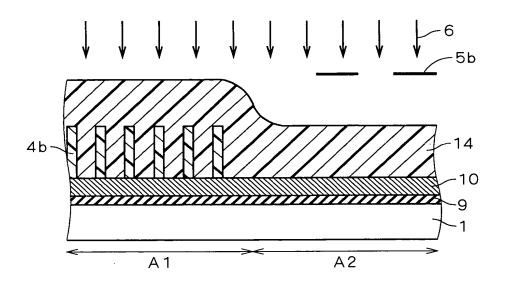
APPROVED O.G. FIG.

BY CLASS SUBCLASS

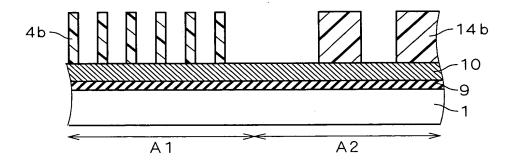
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>16</u> OF <u>45</u>

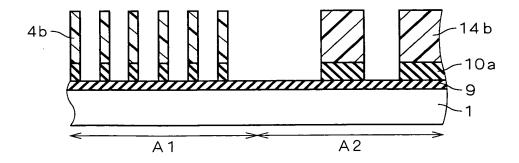
F 1 G . 33



F 1 G . 34



F 1 G . 35

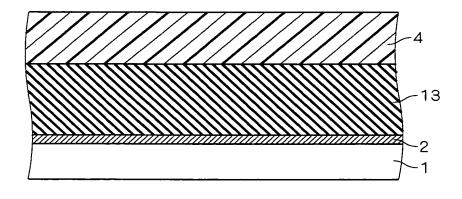


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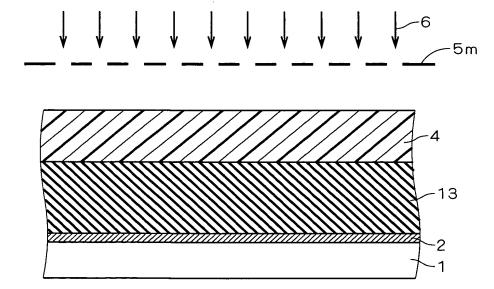
APPROVED	O.G. F	IG.
BY	CLASS	SUBCLASS
CPAFTSMAN		

OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET \_17\_\_ OF\_\_45\_\_

F 1 G . 36



F 1 G . 37



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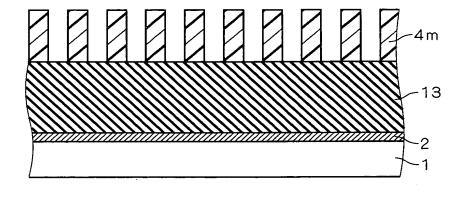
APPROVED O.G. FIG.

BY CLASS SUBCLASS

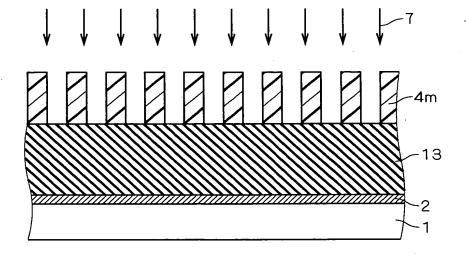
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>18</u> OF <u>45</u>

F 1 G . 38

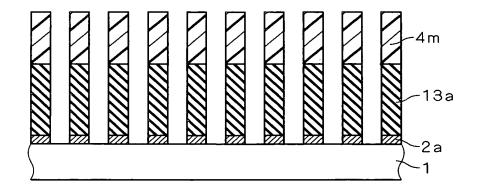


F 1 G . 39

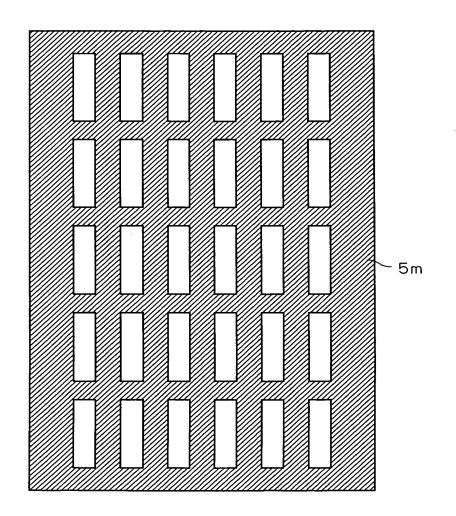


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>19</u> OF <u>45</u>

F 1 G . 40



F I G . 41

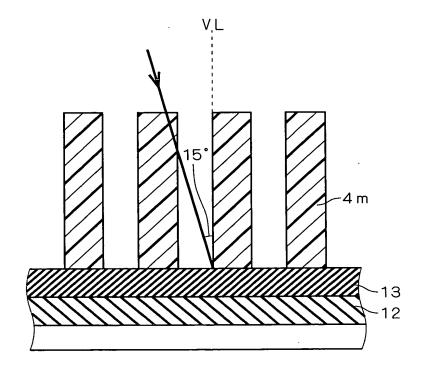


 APPROVED O.G. FIG.

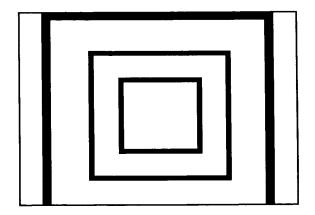
BY CLASS SUBCLASS

OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 20 OF 45

F 1 G . 42



F 1 G . 43

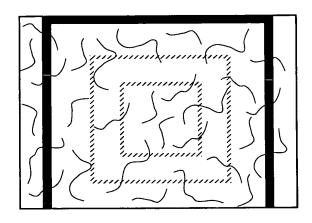


APPROVED O.G. FIG.

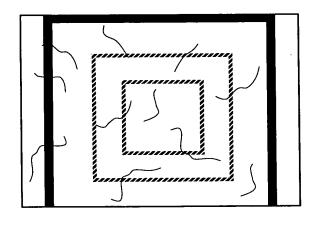
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CLASS SUBCLASS

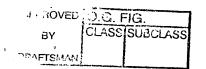
F 1 G . 44



F 1 G . 45

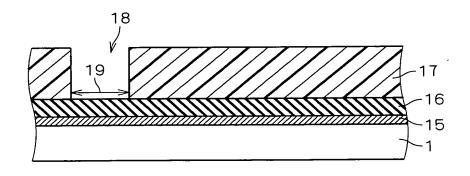


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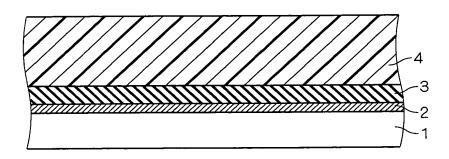


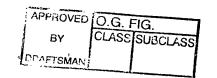
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 22 OF 45

F 1 G . 47



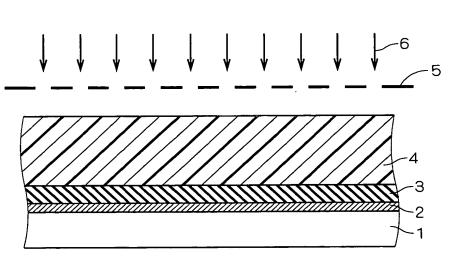
F I G . 48



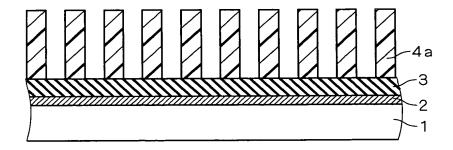


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>23</u> OF <u>45</u>

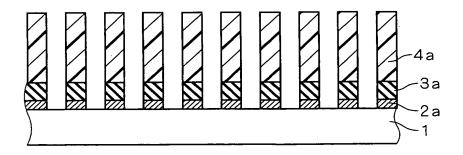
F 1 G . 49

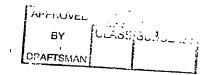


F 1 G . 50



F I G . 51

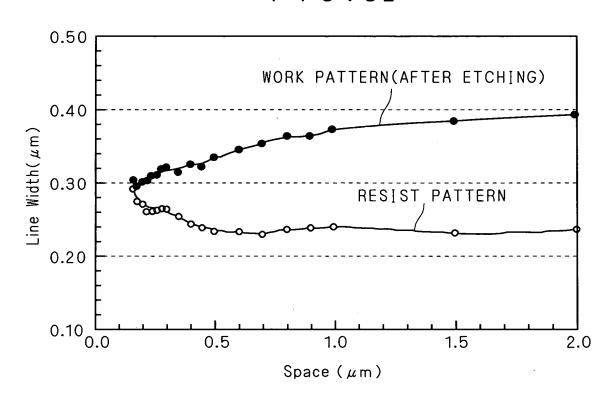




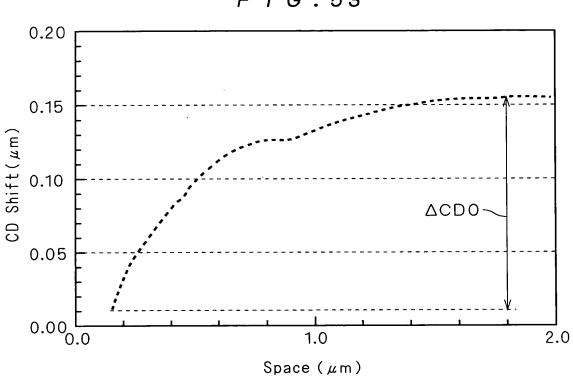
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>24</u> OF <u>45</u>

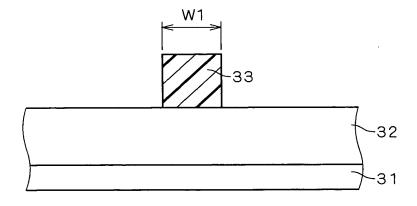
F 1 G . 52

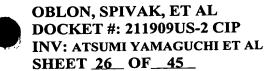


F I G . 53

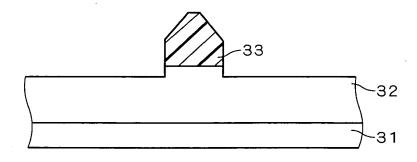


F 1 G . 54

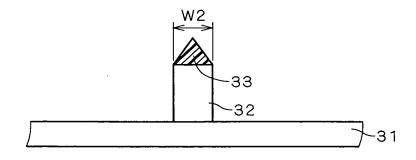


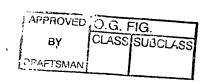


F 1 G . 55



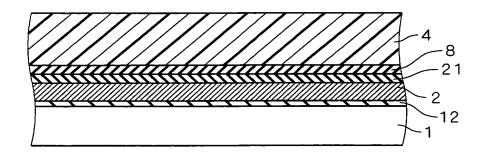
F 1 G . 56



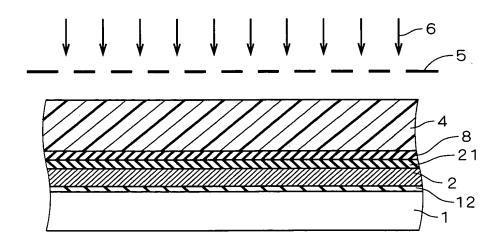


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 27\_ OF\_45\_

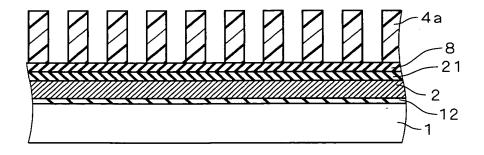
F 1 G . 57



F 1 G . 58

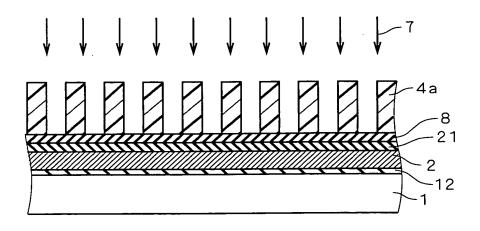


F 1 G . 59

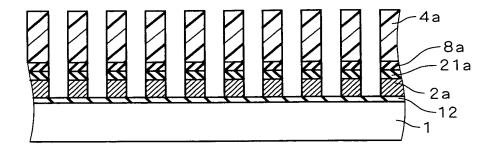




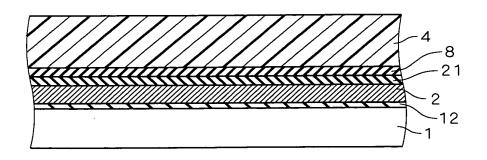
F 1 G . 60



F I G . 61

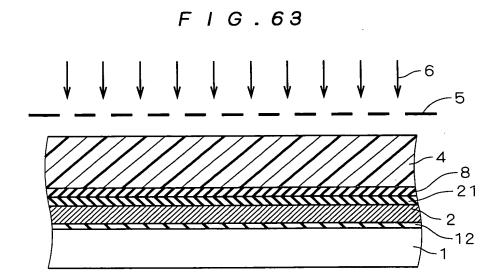


F 1 G . 62

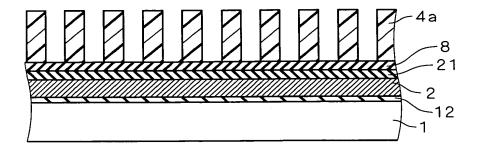


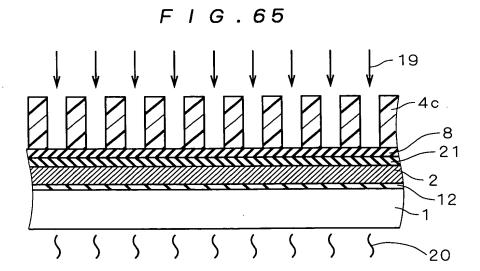
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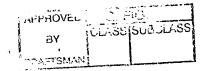
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 29 OF 45



F 1 G . 64

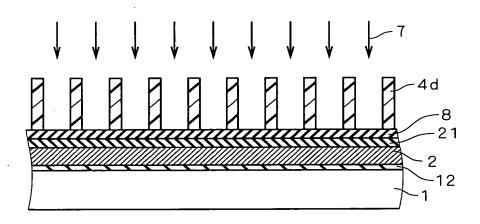




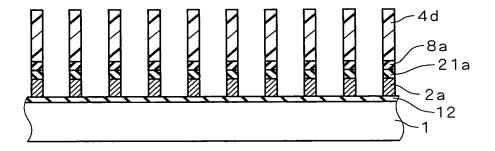


OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
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F 1 G . 66



F 1 G . 67



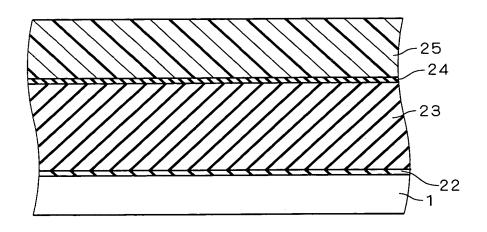
APPROVEL O.G. FIG.

BY CLASS SUZCLASS

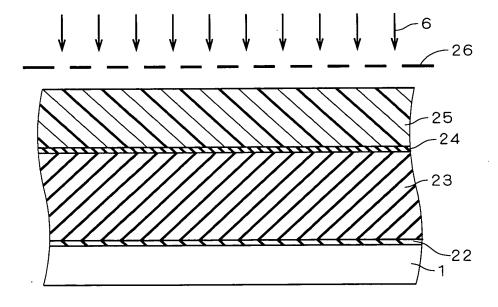
DRAFTSMAN

OBLON, SPIVAK, ET AL
OCKET #: 211909US-2 CIP
NV: ATSUMI YAMAGUCHI ET AL
SHEET 31 OF 45

F 1 G . 68

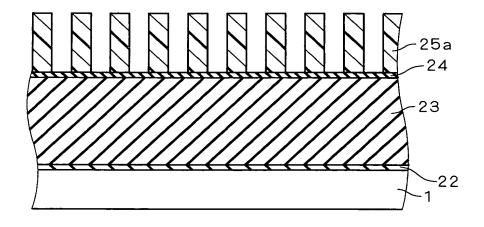


F 1 G . 69

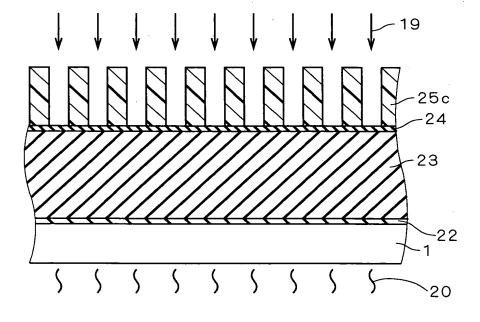


OBLON, SPIVAK, ET AL
OCKET #: 211909US-2 CIP
NV: ATSUMI YAMAGUCHI ET AL
SHEET 32 OF 45

F 1 G . 70



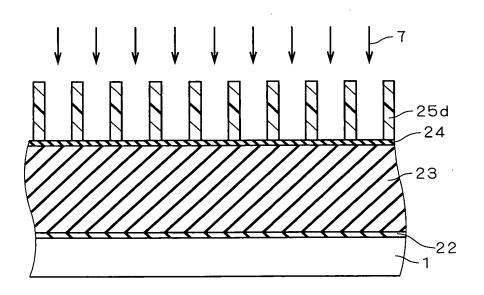
F I G . 71



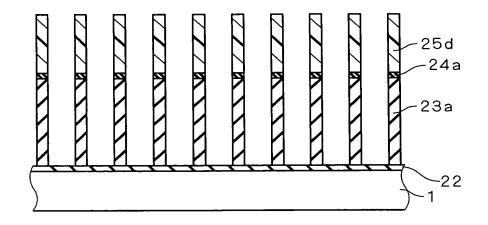
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 33 OF 45

F 1 G . 72



F 1 G . 73



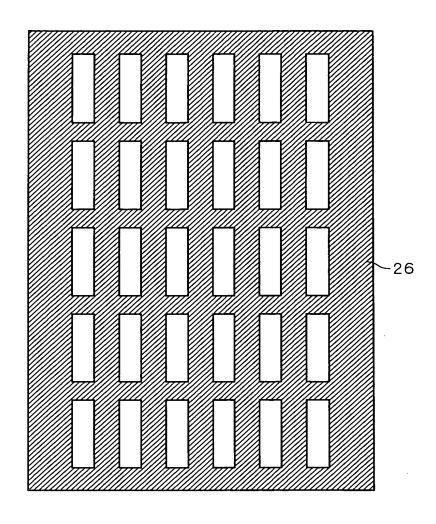
APPHOVEL TO FIG.

BY CLASS SUBCLASS

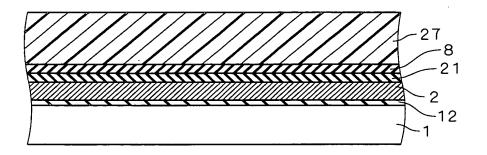
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 34 OF 45

F 1 G . 74

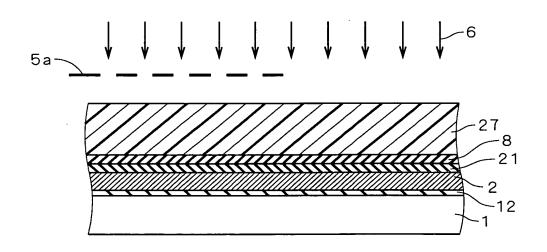


F 1 G . 75

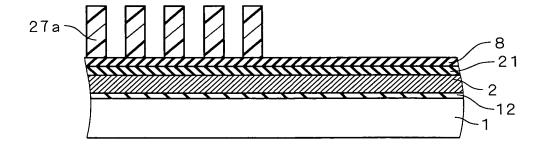


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 35\_ OF\_45\_

F 1 G . 76



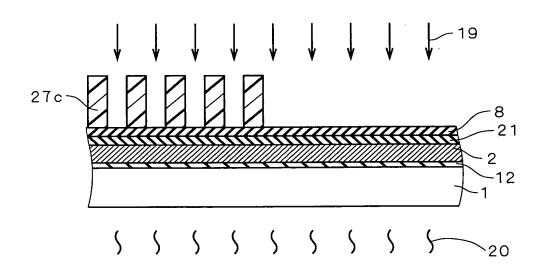
F 1 G . 77



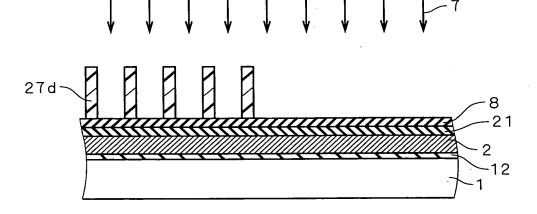
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>36</u> OF <u>45</u>

F 1 G . 78



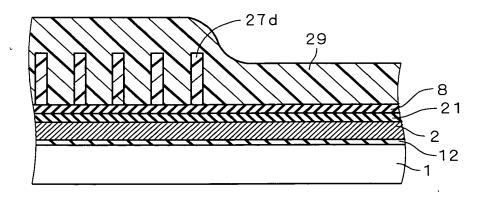
F 1 G . 79



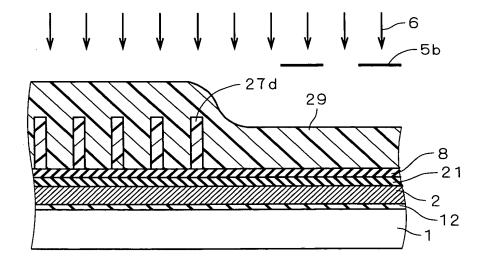
APPROVED	O.G.	FIG
, BY,	CLASS	SUZCLASS
DPAFTSMAN		

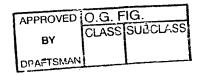
OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 37\_OF\_45\_

F 1 G . 80



F I G . 81

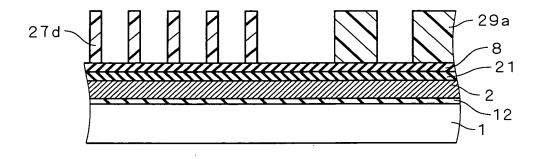




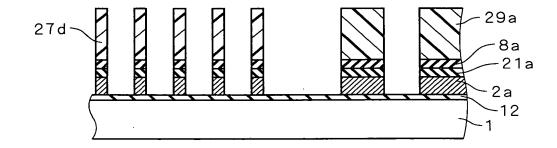


OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 38 OF 45

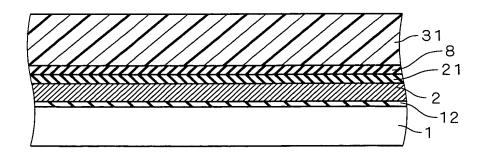
F 1 G . 82

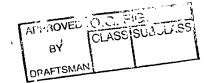


F 1 G . 83



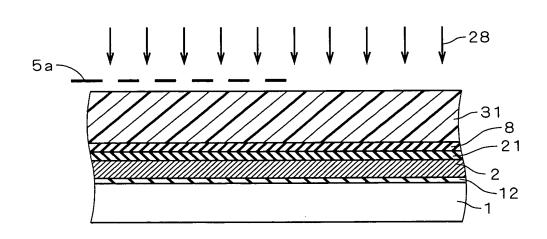
F I G . 84



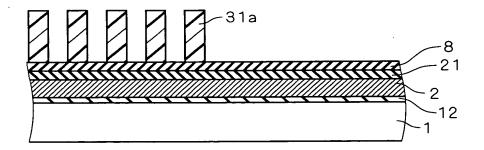


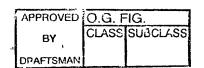
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 39 OF 45

F 1 G . 85



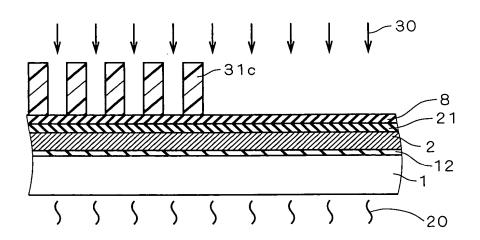
F 1 G . 86



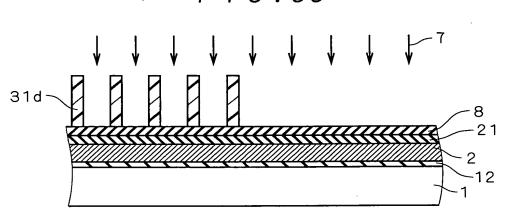


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 40 OF 45

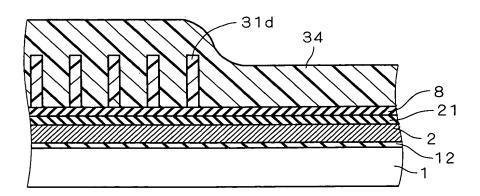
F 1 G . 87



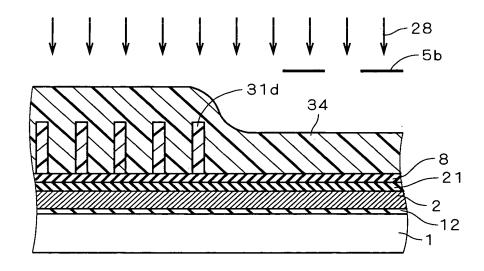
F 1 G . 88



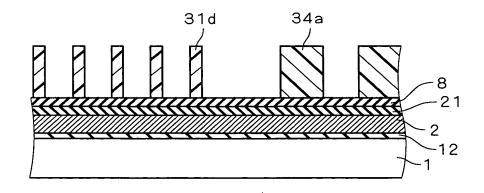
F 1 G . 89

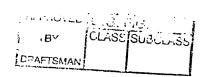


F 1 G . 90



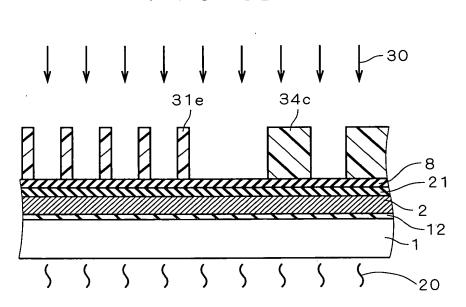
F I G . 91



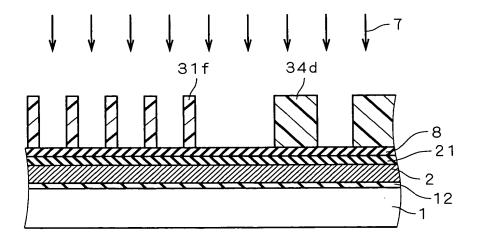


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>42</u> OF <u>45</u>

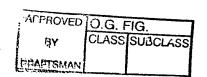
F 1 G . 92



F I G . 93

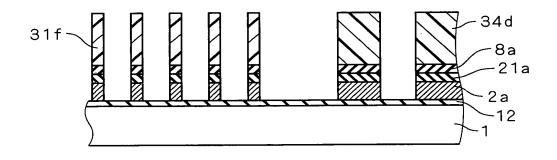


a ette a

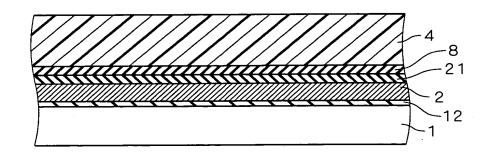


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 43 OF 45

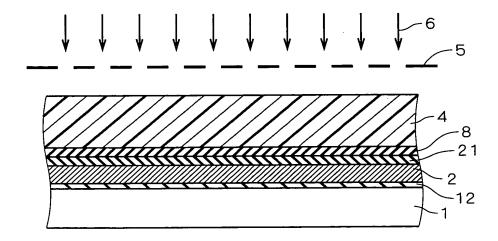
F I G . 94



F 1 G . 95



F I G . 96



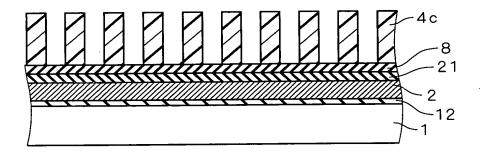
APPROVED O.G. FIG.

BY CLASS SUBCLASS

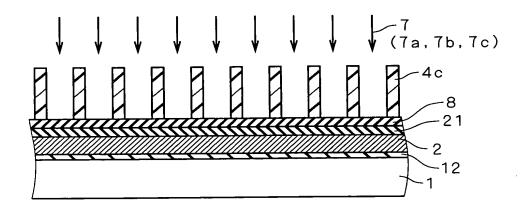
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 44 OF 45

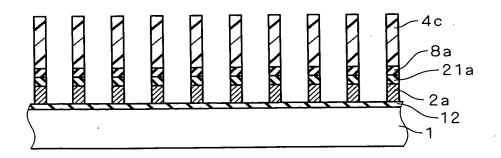
F 1 G . 97

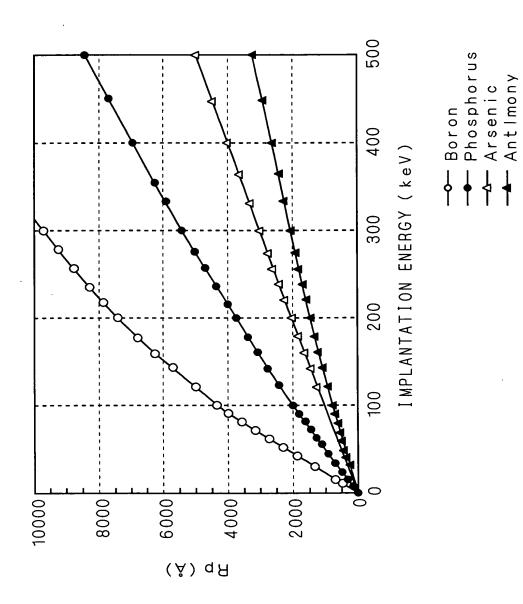


F 1 G . 98



F 1 G . 99





F 1 G . 100